## INTERNATIONAL SEARCH REPORT

International application No.

According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> H01L21/20, 21/205, 21/302, 21/331, 21/336, 29/73, 29/74,  29/78, 29/861  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005  Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Citation of document, with indication, where appropriate of the set.	A. CLASS	SIFICATION OF SUBJECT MATTER		PCT/JP2005/005585	
Decumentation scarched (classification system followed by classification symbols)   Int. C1	Inc.	CI H01L21/20, 21/205, 21/30: 29/78, 29/861	2, 21/331, 21/336	, 29/73,	29/74,
Decumentation scarched (classification system followed by classification symbols)   Int. C1	According to	International Patent Classification (IPC) or to both	national closeic		
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Electronic data have consulted during the international search (name of data base and, where practicable, search terms used)  Electronic data have consulted during the international search (name of data base and, where practicable, search terms used)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No. 29 September, 1998 (29,09,98), Par. Nos. [0018] to [0024], [0037] to [0038] (Family: none)  Y. JP 2002-261041 A (Sixon Inc.), 13 September, 2002 (13.09.02), Par. Nos. [0044] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), Par. Nos. [0044] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0005] to [0009]  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0005] to [0009]  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0005] to [0009]  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0006] to [0009]  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0018] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0018] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0018] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0018] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0044] to [0046]; Fig. 12  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [005] to [0009]  Y. JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0044] to [0046]; Fig. 12  See patent family amex.  Y. Special categories of cited documents: decument of conflict with the application but cited to understand the conflict with the application but cited to establish the published on or after the international file pate or priority disconnected to establish the published on or after the international file pate or priority disconnected to establish the published on or after the international file pat		29/78, 29/861	s, 21/331, 21/336,		
Web of Science  Web of Science  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Catagory*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim N.  Y. JP 10-261615 A. (Fuji Electric Co., Ltd.), 29 September, 1998 (29.09) 81, Par. Nos. [0018] to [0024], [0037] to [0038]  (Family: none)  Y. JP 2002-261041 A. (Sixon Inc.), 13 September, 2002 (13.09.02), Par. Nos. [0044] to [0046]; Fig. 12  (Family: none)  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0044] to [0046]; Fig. 12  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0005] to [0009]  (Family: none)  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0005] to [0009]  (Family: none)  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0005] to [0009]  (Family: none)  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0005] to [0009]  (Family: none)  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0005] to [0009]  (Family: none)  Y. JP 2001-77030 A. (Sanyo Electric Co., Ltd.), Par. Nos. [0005] to [0009]  (Family: none)  Dear of cutter documents are listed in the continuation of Box C.  See patent family annex.  The document which may throw doubts on priority claim(s) or which is a cret to establish the publication date of another citation or other special reaspond as specified)  Advenment published after the international lifting date or priority claim(s) or which is a cret to establish the publication of patent by the publication or other which is not considered to every when the document is newton or annot be considered to every underlying the process of the same patent family decument published prior to the international search or many the common of particular relevance the claimed investor cannot be considered to involve an inventive step when the document of particular relevance the claimed involve an inventive step when the document of particular relevance the claimed involve an involve an inventive step when the document of particular relevance the claimed	1	orcsuyo Shinan Koho 1971-2005	Tomba Tarana	Oru kono	1996-2005
Category*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No. 3P 10-261615 A (Fuji Electric Co., Ltd.), 1-7  29 September, 1998 (29.09.98), 1-7  Par. Nos. [0018] to [0024], [0037] to [0038]  Y JP 2002-261041 A (Sixon Inc.), 13 September, 2002 (13.09.02), 2-7  Par. Nos. [0044] to [0046]; Fig. 12  (Family: none)  Y JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0044] to [0009]  Y JP 2001-77030 A (Sanyo Electric Co., Ltd.), 4-7  Par. Nos. [0005] to [0009]  (Family: none)  X Further documents are listed in the continuation of Box C.  Special categories of cited documents:  document defining the general state of the art which is not considered to be of pancial relevance earlier application or patent but published on or after the international diling date considered to be of January throw doubts on priority claim(s) or which is existed to establish the publication date of another citation or other special reason (as specified) additionable priority date claimed invention and the priority date claimed invention and the priority date claimed invention and the priority date claimed invention and be considered to involve an inventive step when the document size when the document is six and only priority date claimed invention cannot be considered to involve an inventive step when the document one or priority date claimed invention and the priority date claimed inven	Web o	a base consulted during the international search (nan f Science	ne of data base and, where prac	ticable, search te	erms used)
Y  JP 10-261615 A (Fuji Electric Co., Ltd.), 29 September, 1998 (29.09.98), Par. Nos. [0018] to [0024], [0037] to [0038]  Y  JP 2002-261041 A (Sixon Inc.), 13 September, 2002 (13.09.02), Par. Nos. [0044] to [0046]; Fig. 12  (Family: none)  Y  JP 2001-77030 A (Sanyo Electric Co., Ltd.), 23 March, 2001 (23.03.01), Par. Nos. [0005] to [0009]  (Family: none)  Further documents are listed in the continuation of Box C.  Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international filing date on a considered of document which will be proposed to be of particular relevance earlier application or patent but published on or after the international filing date on or other date and not in conflict with the application but cited to understand document published flow to priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document published prior to the international filing date but later than the priority date claimed.  **Comment of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document and the priority date claimed.  **Comment of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is being obvious to a person skilled in the arm document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document area of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is being obvious to a person skilled in the arm of the priority date invention to the priority of the international search report 14. June,	C. DOCUME	ENTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·		
September, 1998 (29.09.98), Par. Nos. [0018] to [0024], [0037] to [0038]  Y JP 2002-261041 A (Sixon Inc.), 13 September, 2002 (13.09.02), Par. Nos. (0044) to [0046]; Fig. 12  (Family: none)  Y JP 2001-77030 A (Sanyo Electric Co., Ltd.), 23 March, 2001 (23.03.01), Par. Nos. [0005] to [0009]  (Family: none)  Y JP 2010-77030 A (Sanyo Electric Co., Ltd.), 23 March, 2001 (23.03.01), Par. Nos. [00005] to [0009]  (Family: none)  Further documents are listed in the continuation of Box C.  Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance to be application of patient but published on or after the international filing date on priority claim(s) or which is special categories of carbon and document which may throw doubts on priority claim(s) or which is special categories of particular relevance the claimed invention cannot be considered novel or cannot be considered in involve an inventive set when the document is taken alone document published prior to the international filing date but later than the priority dute claimed.  Y document published prior to the international filing date but later than the priority dute claimed.  Y document published prior to the international filing date but later than the priority dute claimed.  Y document published prior to the international filing date but later than the priority dute claimed.  Y document published prior to the international filing date but later than the priority dute claimed.  Y document published prior to the international search of 1 June, 2005 (01.06.05)  Date of mailing of the international search report 14 June, 2005 (14.06.05)			Te appropriate the	<del></del>	
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See patent family annex.   See patent family annex.	Y	Par. Nos. [0044] to [0046], p.			1-7
Special categories of cited documents:  document defining the general state of the art which is not considered to be of particular relevance artier application or patent but published on or after the international filing date and not in conflict with the application but cited to understand the principle or theory underlying the invention date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is document published prior to the international filing date but later than the priority date claimed  "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is document of particular relevance: the claimed invention cannot be considered novel or cannot	Y	Par. Nos. [0005] to [0000]	r. Nos. [0005] to [0000]		4-7
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## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/005585

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Category*	Citation of document, with indication, where appropriate, of the relevan	t passages	Relevant to claim No.
Y	Robert T. BONDOKOV et al., "Influence of Structural Defects on the Polishing of Silicon Carbide Single Crystal Wafers", Japanese Journal of Applied Physics, Part Vol.43, No.1, January 2004, pages 43 to 49	1,	5-7
o,x	K.S. Lee et al., "Surface Preparation of 6H-Silicon Carbide Substrates for Growth of high-Quality SiC Epilayers", Materials Science Forum, Vols. 457 to 460, 2004, pages 797 to 800		1,4,5
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